

Application No. 10/729,340
Amendment dated March 20, 2007
Reply to Final Office Action of March 9, 2007

Docket No.: NY-LUD 5793-US1-CIP

AMENDMENTS TO THE CLAIMS

Claims 1-12. (Canceled)

Claim 13. (Previously presented) Isolated cancer associated antigen comprising the amino acid sequence encoded by SEQ ID NO: 1, 3, 4, 8, 15, 19, 22, 26 or 31.

Claims 14-57. (Canceled)

Claim 58. (Currently amended) A composition comprising at least one MHC binding peptide consisting of an amino acid sequence of from 8 to 25 amino acids which are present in consecutive order in the isolated cancer associated antigen of claim 13, wherein said amino acid sequence is identical to an amino acid sequence found in at least one of SEQ ID NOS.: 1, 3, 4, 6, 8, 15, 19, 22, 26, and 31, and a pharmaceutically acceptable adjuvant.

Claim 59. (Original) The composition of claim 58, wherein said adjuvant is a saponin, a cytokine, or GM-CSF.

Claim 60. (Original) The composition of claim 58, comprising a plurality of MHC binding peptides.

Claims 61-84. (Canceled)

Claim 85. (Original) An isolated polypeptide comprising at least 9 consecutive amino acids set forth in SEQ ID NO: 5, 7, 16, 19, 23, 27, 30 or 32.

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Claim 86. (Original) The isolated polypeptide of claim 85, comprising at least 9 consecutive amino acids set forth in SEQ ID NO: 23, 30 or 32.

Claims 87-91. (Canceled)

Claim 92. (Previously presented) An isolated cancer associated antigen comprising the amino acid sequence encoded by SEQ ID NO: 31.

Claims 93-114. (Canceled)

Claim 115. (Currently amended) An isolated peptide consisting of the amino acid sequence LLSHGAVIEV (amino acids 158-167 of SEQ ID NO: 32) or SLSKILDTV (amino acids 960-968 of SEQ ID NO: 32), or SLDQKLFQL (amino acids 1318-1326 of SEQ ID NO: 32).